TITLE OF INVENTION: MIDDLE-END SOLUTION TO ROBUST SPEECH RECOGNITION

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

DATE MAILED: 02/09/2009

## NOTICE OF ALLOWANCE AND FEE(S) DUE

23494 7590 02/09/2009 TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999

DALLAS, TX 75265

EXAMINER

MCFADDEN, SUSAN BIS

ART UNIT PAPER NUMBER

2676

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/823,059	04/13/2004	Alexis P. Bernard	TI-37332	3988

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/11/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT, PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 1SI. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and I/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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maintenance fee notificat	ions.							tould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				pap	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
23494	7590 02/09	/2009		IIII			of Mailing or Transi	
TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999 DALLAS, TX 75265			RATED	I he Stat add tran	reby certify that th	is Feet	c) Transmittal is being	deposited with the United t class mail in an envelope above, or being facsimile tte indicated below.
								(Depositor's name)
								(Signature)
								(Date)
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10/823,059	04/13/2004			Alexis P. Bernard			TI-37332	3988
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nonprovisional	NO		\$1510	\$300	\$0		\$1810	05/11/2009
EXAMI	NER		ART UNIT	CLASS-SUBCLASS				
MCFADDEN,			2626	704-233000				
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).  □ Change of correspondence address (or Change of Correspondence Address from PTOSB/122) autached.  □ "Fee Address" indication (or "Fee Address" Indication form PTOSB/147, 8ev 0.9-20 cromer centen) attached. Use of a Customer Number is required.  ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE, NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified of the Correct address of the Correct				era 2pto	cument has been filed for			
(A) NAME OF ASSIC		catego	ries (will not be pr	(B) RESIDENCE: (CITY				up entity 🚨 Government
4a. The following fee(s) are submitted:  4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  □ I ssue Fee  4c. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)					hown above)			
☐ Issue Fee ☐ Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.					
Advance Order - # of Copies				The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
	SMALL ENTITY statu	is. See 3	37 CFR 1.27.	☐ b. Applicant is no lon	ger claiming SMA	LLEN	FITY status. Sec 37 CE	R 1.27(g)(2).
NOTE: The Issue Fee and interest as shown by the re	l Publication Fee (if requeecords of the United Sta	uired) v tes Pate	vill not be accepted and Trademark	from anyone other than to Office.	he applicant; a regi	stered	attorney or agent; or th	e assignee or other party in
Authorized Signature				Date				
Typed or printed name				Registration N				
This collection of informs an application. Confidenti submitting the completed this form and/or suggestic Box 1450, Alexandria, Vi Alexandria, Virginia 2231	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this but irginia 22313-1450. DC 13-1450.	FR 1.3 U.S.C. USPT rden, sh D NOT	11. The informatic 122 and 37 CFR O. Time will vary lould be sent to the SEND FEES OR	on is required to obtain or 1.14. This collection is es depending upon the indi- e Chief Information Offic COMPLETED FORMS T	retain a benefit by t timated to take 12 pridual case. Any co er, U.S. Patent and D THIS ADDRESS	he pub minute ommen Trader S. SEN	lic which is to file (and is to complete, includin is on the amount of tir nark Office, U.S. Depa D TO: Commissioner I	by the USPTO to process) g gathering, preparing, and ne you require to complete atment of Commerce, P.O. for Patents, P.O. Box 1450,

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TEXAS INSTRU	MENTS INCORPO	MCFADDEN, SUSAN IRIS		
P O BOX 655474,		ART UNIT	PAPER NUMBER	
DALLAS, TX 752	65	2626		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 831 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 831 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

# Notice of Allowability

Application No.	Applicant(s)		
10/823,059	BERNARD ET AL.		
Examiner	Art Unit		
Susan McFaddan	2626		

<ul> <li>In MAILING UALE or this comminication appears on to All claims being allowable, PROSECUTION ON THE MERITS IS (OR REM herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.</li> <li>of the Office or upon petition by the applicant. See 37 CFR 1.313 and MP.</li> </ul>	MAINS) CLOSED in this application. If not included appropriate communication will be mailed in due course. THIS This application is subject to withdrawal from issue at the initiative
This communication is responsive to <u>Amendment filed 11-25-08</u> .	
2. ☑ The allowed claim(s) is/are <u>3-14</u> .	
Acknowledgment is made of a claim for foreign priority under 35 U a   A   b   Some* c   None of the:   Certified copies of the priority documents have been re 2   Certified copies of the priority documents have been re 3.   Copies of the certified copies of the priority documents have been re international Bureau (PCT Rule 17.2(a)).  *Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this conced below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.   A SUBSTITUTE OATH OR DECLARATION must be submitted. Not INFORMAL PATENT APPLICATION (PTO-152) which gives reason (a)   including charges required by the Notice of Draftsperson's Patr 1)   hereto or 2   10 Paper No./Mail Date   11   hereto or 2   10 Paper No./Mail Date   12   12   hereto or 2   10 Paper No./Mail Date   13   hereto or 2   10 Paper No./Mail Date   15   hereto or 2   10   heret	ceived.  ceived in Application No, have been received in this national stage application from the  mmunication to file a reply complying with the requirements his application.  e the attached EXAMINER'S AMENDMENT or NOTICE OF (s) why the oath or declaration is deficient.  mitted.
(b) including changes required by the attached Examiner's Amendi Paper No./Mail Date	ould be written on the drawings in the front (not the back) of
<ol> <li>DEPOSIT OF and/or INFORMATION about the deposit of BII attached Examiner's comment regarding REQUIREMENT FOR THE</li> </ol>	DLOGICAL MATERIAL must be submitted. Note the
Attachment(s)	5. Notice of Informal Patent Application 6. Interview Summary (PTO-413), Paper No./Mail Date
/Susan McFadden/ Primary Examiner, Art Unit 2626	